

# **Southam Rural District**

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L.D.

## **ANNUAL REPORT**

OF THE

**HEALTH OF THE DISTRICT**

**FOR THE YEAR 1964**

BY

**D. LIVINGSTONE, M.B., D.P.H.,**

**MEDICAL OFFICER OF HEALTH**

OF THE

## **Warwickshire Combined Districts**

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**Leamington Spa**

**A. TAMES LTD., PRINTERS, 46, BEDFORD STREET**

**1965**



38, HOLLY WALK,  
LEAMINGTON SPA.  
1st November, 1965.

To the Southam Rural District Council

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present the annual report for the year 1964. The population increased by more than four hundred. The birth rate was the highest recorded in the County. The death rate was once more low and there was little notifiable infectious disease.

The largest group of deaths (80 out of 148) were the lesions or diseases of the heart and circulation. All types of Cancer caused 20 deaths of which 5 were due to cancers of lung or bronchus.

Respiratory infections and accidents tied for third place in the table of causes of death accounting for twelve deaths each. Of the twelve accidental deaths, eight arose in connection with motor vehicles.

During the year work began or continued upon the sewerage schemes in smaller parishes and the stage of actual or virtual completion was reached at Lighthorne, Avon Dassett, and Lower Shuckburgh. Unfinished schemes at Gaydon, Radway and Priors Hardwick were well advanced by the year's end. The Council took further steps with regard to plans to sewer Wormleighton, Knightcote and the Chapel Green section of Napton. It also had regard to the enlargement of the works at Southam which will be required both to improve the present standard of treatment and to provide for new development which is expected to take place soon.

A local investigation was held into proposals to increase the capacity of your works at Depper's Bridge so as to match the growth of the parishes now draining there and also to provide Ladroke with main drainage. All this means that the Council has succeeded in providing for the current expansion of parts of its district while repairing much of the damage caused by past neglect. When the present plans have become fact the Council will have seweraged the greater part of its area. Having so many small works the Council faces not only a heavy task of maintenance each year but also difficulty in disposal of the sludge produced. This is in demand in many urban areas

but in the country districts little interest in this product is currently shown by farmers or gardeners. Improvements have been made in refuse collection by the use of disposable paper sacks and a demand now arises for a collection of trade refuse.

Good progress was made with grant-aided house improvements and a good programme of clearance and demolition was carried forward. The Council decided to free the Public Health Committee of responsibilities under the Housing Acts and to make these the duty of the new Property Committee.

Shortage of inspectors prevented as much work in connection with food hygiene as was desirable and necessary. Strong action was however taken through the Magistrates' Court in regard to serious breaches of the Food Hygiene Regulations at a wayside cafe where catering had begun without planning approval to such use of the premises. Substantial penalties and costs resulted. One regrets to have to refer to the absence from duty of the Surveyor early in the year owing to serious illness. Mr. WHITEHEAD has since found it necessary to indicate his wish to retire next year upon the grounds of ill-health.

The Council has again been most kind to me and the officers of all departments have given me every possible help; to both the sincerest thanks are due.

I remain,

Your obedient servant,

D. LIVINGSTONE,

*Medical Officer of Health.*

## ***Southam Rural District.***

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### **A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR 1964.**

					1964
Population (estimated)	Mid-year	...	...	...	17,150
Area	...	...	...	...	62,527 acres
Birth Rate per 1,000 population (Crude)	...	...	...	...	19.6
" " " (corrected)	...	...	...	...	20.9
Still Birth Rate—Rate per 1,000 total births	...	...	...	...	8.8
Death Rate per 1,000 population (Crude)	...	...	...	...	8.6
" " " (corrected)	...	...	...	...	11.1
Death Rate of Infants under 1 year of age :—					
All Infants per 1,000 live births	...	...	...	...	14.8
Legitimate Infants per 1,000 legitimate live births	...	...	...	...	15.5
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	...	

The population figure increased by 410 of which 190 was the natural increase and 220 were new entrants to the District in excess of the unknown number who left in 1964.

### **B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT**

#### *1. (a) Staff of Health Department.*

##### *Medical Officer of Health (part-time)*

Dr. F. D. M. LIVINGSTONE, M.B., B.Chr. (Cantab.), M.R.C.P. (London), D.C.H., D.P.H.

##### *Deputy Medical Officer of Health (part-time)*

Dr. MYRTLE V. RICHARDS, M.B., Ch.B., D.C.H., D.P.H. (from 20th January, 1964).

##### *Surveyor and Chief Public Health Inspector*

S. C. WHITEHEAD, A.M.I.S.E., M.R.S.H., M.A.P.H.I.

##### *Deputy Surveyor and Public Health Inspector*

G. S. H. PEATY, M.A.P.H.I., A.R.S.H.

##### *Additional Public Health Inspector*

D. B. SUTHERLAND, M.R.S.H., M.A.P.H.I. (resigned 31-12-64).

P. F. DAVIS (commenced 10-8-64).

*Clerks*

Mrs. B. R. STEELE.

Miss C. FAULKNER (resigned January, 1964).

Mrs. P. M. DAVISON (commenced June, 1964).

Miss B. BROOKES (commenced 1-7-64).

S. BUCKLEY.

Miss B. GIBBONS-WARD.

\*Members of Local Health Authority Clerical Staff with part of time allocated to services of the Joint Sanitary Committee, Medical Officer of Health's office.

2. (a) *Laboratory Facilities.*—Routine bacteriological examinations were carried out by the Public Health Laboratory Service, Coventry, in regard to water sampling, the prevention of infectious disease and other tests. These included five examinations of public mains supplies and twelve of well water. Thanks are due to Dr. J. E. M. WHITEHEAD and his laboratory staff for their help.

(b) *Local Health Authority Services.*—Child Welfare Centres are held within your district as follows:—

*Southam*—W.I. Hut, Craven Lane; *Bishops Itchington*—Memorial Hall; *Long Itchington*—Village Hall; *R. A. F. Gaydon*; *Harbury*—Village Hall; *Fenny Compton*—Village Hall, 3rd Tuesday in each month; *Stockton*—Village Hall; *Napton*—Village Hall.

District Nurse Midwives resident in the district area:—

*Southam* (2)—Miss G. B. A. KOHLER, Miss V. WILD. *Fenny Compton*—Mrs. THACKER. *Long Itchington*—Miss M. WORTHINGTON. *Bishops Itchington*—Miss B. WADE.

*Health Visitors*—Miss F. M. BOODEN, Miss S. M. MALARKEY.

Ambulance service is provided from the County Council's Montague Road Station in Warwick. Inquiries regarding local health services should be made to the Area Health Office, 38, Holly Walk, Leamington Spa. (Tel. 27284).

Messages regarding nursing and midwifery or child welfare may be sent to the same address for the attention of the Area Nursing Officer, Miss M. G. AUSTIN. Domestic Help enquiries are handled at the above office by the Area Home Help Organiser, Mrs. J. SHEPHERD.

## C. SANITARY CIRCUMSTANCES OF THE DISTRICT

(i) *Water Supply*.—There were taken from main supplies 5 water samples—the bacteriological examination of which were satisfactory. Upon request and for investigation purposes, 12 samples were taken from wells and submitted for bacteriological examination; 4 samples were satisfactory whilst 8 were unsatisfactory and were followed by the appropriate action. Within the area of South Warwickshire Water Board there are no standpipes and mains serve 14,517 people living in 3,160 houses.

The chemical analysis of the Holy Well supply was as follows :—

Received on 27th August 1964.

From : C. O. INNES JONES, Esq.

Description : Holy Well, Southam. 1 p.m. 27-8-64.

Appearance : Bright, few small particles.

Ammoniacal Nitrogen	...	...	...	0
Albuminoid Nitrogen	...	...	...	0
Chlorine in Chlorides	...	...	...	60.0
Nitrate Nitrogen	...	...	...	1.8
Oxygen absorbed from permanganate at 27°C. in 4 hours	...	...	...	0.1
Total Solids dried at 100°C.	...	...	...	950
Nitrite Nitrogen	...	...	...	0
pH	...	...	...	7.2
Free Chlorine	...	...	...	0
Hardness	$\left\{ \begin{array}{l} \text{Temporary} \\ \text{Permanent} \\ \text{Total} \end{array} \right.$	...	...	295
		...	...	355
		...	...	650
Radioactivity	...	...	...	—
Electrical Conductivity	@20°C.	1,255	micromhos.	

This sample is organically of good quality and suitable for use as a Public Supply.

(ii) *Sewerage and Sewage Disposal*.—

*Southam*.—The Surveyor reported on the shortcomings of the sewerage system particularly having regard to the amount of development in progress and that envisaged. The Council authorised the Surveyor to instruct the Consulting Engineers as may be required. Tenders were invited for the extension of the Southam disposal works.

*Bishops Itchington, Harbury and Ladbroke Disposal Works and Ladbroke Sewerage.*—An Engineering Inspector of the Ministry of Housing and Local Government, held a local investigation into the schemes in April, 1964. Later the Ministry stated that whilst the Minister was in general agreement with the proposals, final approval could not be given until further information and detailed drawings were submitted. The drawings were being prepared by the Consulting Engineers.

*Gaydon.*—Work proceeded on the contract notwithstanding labour and other difficulties. Progress was made with the laying of sewers and the construction of the disposal works.

*Lighthorne.*—The scheme for this village was virtually completed apart from one or two difficult connections involving separation of storm and foul drainage.

*Radway.*—The laying of sewers was completed and construction of the sewage disposal works was well advanced but not completed so that connection of house drainage was not commenced.

*Avon Dassett.*—The house connections having been carried out, the scheme was, apart from minor items, now virtually completed and was, of course, in operation.

*Lower Shuckburgh.*—The works were put into operation early in August and by the middle of September the scheme was completed.

*Priors Hardwick.*—Work commenced on this scheme at the beginning of June and by the end of the year satisfactory progress had been made on the laying of sewers and also on the construction of the disposal works.

*Wormleighton.*—A tender was accepted for the scheme of sewerage and sewage disposal in this village and there was awaited the approval of the Ministry on its acceptance.

*Burton Dassett (Knightcote).*—The Council approved in principle the resubmission of a sewerage and sewage disposal scheme for this village and the preparation of details and negotiations were proceeding. It will be remembered that the Council prepared a scheme in conjunction with Northend which went to Public Inquiry stage in 1953—when the Ministry considered that the Knightcote part of the scheme was not justified at that time.

*Napton—Chapel Green Area.*—The Council approved in principle a scheme of sewerage and sewage disposal (at existing works) for this part of the village of Napton. Preparation of details and negotiations were proceeding.

*Existing Sewers.*—In the township of Southam in particular, the existing sewerage system requires improvement and the Council authorised consultations with the Consulting Engineers as deemed necessary. There were a number of failures in various villages and, when the extent of the work involved made it necessary, engineering contractors were called in.

Difficulty is continually experienced in the disposal of sludge and an approach was made to the National Farmers' Union in the hope that more farmers could be interested; this is rapidly becoming a major problem.

On the 25th November, 1964 an Engineering Inspector of the Ministry of Housing and Local Government made an investigation into the engineering and maintenance provision of all the existing sewage disposal works. The report (57 pages) called for almost a month's work by a senior member of the staff and it has formed a very useful reference.

*(iii) Refuse Collection.*—During the year the paper sack system was substituted for dustbins in all villages and a weekly back door collection provided in place of the fortnightly "kerb side" collection. The Council have been congratulated on the improvement thus effected and on the smoothness of the change-over. The new system made possible the introduction of a task bonus system and this was put into operation. There were however some complaints from householders of damage to the paper sacks by prowling animals, presumed to be cats or dogs.

## D. HOUSING

The Council made 45 Standard Improvement Grants and 21 Discretionary Improvement Grants during the year. Other action under the Housing Acts included the submission to the Ministry of Housing and Local Government of Clearance Orders in respect of some 23 houses; demolition orders were made on 6 individual properties, whilst undertakings were accepted, in lieu of demolition, in the case of three houses. On 21st October, 1964 there was held by the Ministry of Housing and Local Government

a Public Inquiry into the Clearance Orders at Farnborough —the result of this was awaited.

*Caravan Sites Act, 1960.*

No. of site applications	...	...	...	9
No. of sites approved	...	...	...	4
No. of sites refused	...	...	...	5
No. of site licences at 31-12-64	...	...	...	33
No. of site caravans at 31-12-64	...	...	...	57

**E. FOOD AND DRUGS**

*Food Hygiene Regulations*

Arising from the typhoid epidemic in North Scotland, all food premises were visited and stocks of corned beef inspected; a number of tins were returned to the wholesalers as requested by the Ministry of Health. The frequency of routine visits was restricted by pressure of other work. Court proceedings were instituted in the case of a cafe in the Southern part of the district; for offences against the Food Hygiene Regulations there was imposed a penalty of £27 together with £10 costs. There were two complaints of foreign bodies in food (a cake and a biscuit); after investigation warning letters were sent to the manufacturers.

84 premises are registered under Section 16 of the Food and Drugs Act, as follows:—

Storage and sale of ice-cream	...	...	79
Preservation of meat, etc.	...	...	5
			84

*Food and Drugs Act, 1955. Section 31.*

The County Medical Officer of Health has kindly provided information regarding the samples of milk which his officers took within your district and sent for biological tests. Twenty-one samples were submitted to the laboratory and all were negative for tuberculosis organisms.

*Meat inspection* was maintained at 100% and the requisite tabulation of this summary of work done is set out in the following table.

## MEAT INSPECTION.

YEAR 1964

**Carcasses and Offal inspected and condemned in whole or in part.**

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	168	None	1	681	370	None
Number inspected ...	168	None	1	681	370	None
<i>All diseases except tuberculosis and Cysticerci.</i>						
Whole carcases condemned	None	None	None	None	None	None
Carcases of which some part or organ was condemned ... ... ...	7	None	None	11	11	None
Percentage of the number inspected affected with disease other than tuberculosis or cysticerci ... ... ...	4.1%	None	None	1.5%	2.9%	None
<i>Tuberculosis only :</i>						
Whole carcases condemned	None	None	None	None	None	None
Carcases of which some part or organ was condemned ... ... ...	None	None	None	None	1	None
Percentage of the number inspected affected tuberculosis ... ...	None	None	None	None	27	None
<i>Cysticercosis :</i>						
Carcases of which some part or organ was condemned ... ... ...	1	None	None	None	None	None
Carcases submitted to treatment by refrigeration ... ... ...	1	None	None	None	None	None
Generalised and totally condemned ... ...	None	None	None	None	None	None

## F. PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASE

*Incidence of Commoner Infectious Diseases since 1957*

		Dysentery	Measles	Scarlet Fever.	Enteric Fever.	Pneumonia.	Anterior Poliomyelitis.	Puerperal Pyrexia.
1957	...	1	212	5		5		1
1958	...		146	17		6		
1959	...		143	12				
1960	...	5	1					
1961	...	3	345	7		8		
1962	...	30	75			3		
1963	...	16	152	2		3		
1964	...	1	41			6		

There is little here to draw comment unless it is to say that this was one of the best years on record for freedom from notifiable infectious diseases. Since 1964 filled an interval between measles epidemics, this figure too was low and so notifications from all causes only just exceeded fifty in number. After somewhat high levels in 1962 and 1963, notifications of dysentery or food poisoning declined to a single one.

## TUBERCULOSIS, 1964

*Tuberculosis.*—No new cases were notified in 1964.

Only one person having pulmonary tuberculosis transferred into the district ; this was a young woman. However one death occurred, that of an elderly woman. This therefore completes a picture which, although not perfect, is better than one could have dared to hope a decade ago. This death was only the fourth to occur since 1956 and whereas the annual average for 1957-1963 was over seven new notifications annually, there were none at all in 1964.

Age Periods	New cases				Transfers into District				Deaths			
	Pul- mon- ary		Non- Pul.		Pul- mon- ary		Non- Pul.		Pul- mon- ary		Non- Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—	—	—	—	—
10-15	—	—	—	—	—	—	—	—	—	—	—	—
15-20	—	—	—	—	—	—	1	—	—	—	—	—
20-25	—	—	—	—	—	—	—	—	—	—	—	—
25-35	—	—	—	—	—	—	—	—	—	—	—	—
35-45	—	—	—	—	—	—	—	—	—	—	—	—
45-55	—	—	—	—	—	—	—	—	—	—	—	—
55-65	—	—	—	—	—	—	—	—	—	1	—	—
65 & upwards	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	1	—	—	—	1	—

*Tuberculosis.*—The following table shows the notified cases and deaths during the past 21 years:—

	1944	1945	1946	1947	1948	1949	1950
Cases ...	14	10	11	18	20	19	12
Deaths	4	7	6	6	3	6	6
	1951	1952	1953	1954	1955	1956	1957
Cases ...	15	12	22	20	21	20	13
Deaths	1	1	1	1	1	2	—
	1958	1959	1960	1961	1962	1963	1964
Cases ...	7	13	7	3	4	4	—
Deaths	—	1	—	1	—	1	1

3 patients were admitted to Sanatorium during 1964 and 3 were discharged.

#### *B.C.G. Vaccination (Scholar's Scheme).*

The local health authority offers annually to parents of school children in the 13 year age group the opportunity of having a skin test of tuberculin sensitivity followed, where consent is given, by vaccination of non-reactors with live B.C.G. vaccine. The work done at Southam High School in 1964 may be summarized as follows:—

Heaf Tests done ...	...	...	82
Positive reactions ...	...	...	27
Number given B.C.G. vaccine ...			41

## **NATIONAL ASSISTANCE ACTS, 1948 and 1951**

Section 47 of the 1948 Act provides that where persons—

- (a) are suffering from grave chronic disease, or, being aged, infirm or physically incapacitated are living in insanitary conditions and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention, and the Medical Officer of Health gives a written certificate in the prescribed form, the local authority may apply to a court, having jurisdiction, for an order to remove the person to a suitable and convenient place, e.g. hospital. Seven days clear notice must be given to the person concerned of the intended application and it must also be given to the person managing the premises or institution. The order, if granted, may authorize a person's detention for a period not exceeding three months at the place specified in the Court's order.

Miss R. L— (73) was the subject of a report last year and arrangements were made by the Council's Housing Manager for her to have the tenancy of a new house in the Autumn. Considerable difficulty was however experienced in persuading her to make preparations to move house.

### **REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR.**

#### **RODENT CONTROL.**

There were no major infestations in the district during the year. There are 94 contracts, including some 80 farms, where routine inspections and treatments are carried out. A few complaints from domestic premises were received and these received prompt attention. Preventive measures were taken at the main refuse tip and also at sewage disposal works and public sewers.

### **ANIMAL BOARDING ESTABLISHMENTS ACT, 1963.**

The above legislation became operative on 1st June, 1964, from which date it was an offence to keep a boarding establishment for dogs or cats except under the authority of a licence granted by the local authority in accordance

with the provisions of the Act. During the year a number of premises were inspected and 5 licences were issued, mostly after the carrying out of works to bring them up to standard.

## **OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.**

There came into operation the first requirements of this legislation, registration as from 1st May, 1964 and a commencement was made with the compilation of the register.

## **CLEAN AIR ACT, 1960.**

The Council continued to press for attention by the Ministry's Alkali, etc. Works Inspector, to the emissions from the Cement Works at Long Itchington. In the result it was reported that the Rugby Portland Cement Company had placed an order for dust arresters for the kilns not so equipped and that the installations were scheduled to be completed within 12 months.

In January 1964 there was formed the Property Preservation Committee and in April 1964 the Council transferred to that Committee thenceforth entitled the Property Committee all functions of the Public Health Committee under the Housing Act 1957 relating to Clearance Orders, Closing Orders and demolition of property. Concern was expressed that there should be greater speed of action under the Housing Acts and to this end Mr. P. F. DAVIS was appointed as second additional Public Health Inspector. However within four months the first Additional Public Health Inspector resigned and there was difficulty in finding his replacement. I ought to say that since my illness in March 1964 it has been necessary for Mr. PEATY to relieve me of many contentious responsibilities so that in the result I would say that much has been achieved in the face of serious staff shortages.

The death in March, 1964 of the Chairman of the Public Health Committee, Councillor A. V. HODGES, J.P., was a great loss. He was the first "ad hoc" Chairman of the Committee and was a tower of strength when the great water shortage in the district was causing restriction of progress in many directions. His passing was a great loss to me personally.

REGISTER OF PLANS SUBMITTED TO  
SOUTHAM R.D.C. DURING YEAR 1964.

Surveyor's Department

New dwellings	...	...	...	...	107
Conversions to dwellings	...	...	...	...	17
Alterations and improvements and extensions to dwellings	...	...	...	...	148
Garages and vehicular accesses	...	...	...	...	113
Agricultural buildings	...	...	...	...	26
Sheds and Pavilions	...	...	...	...	4
Retention of temporary buildings	...	...	...	...	6
Outline applications, sites for development	...	...	...	...	156
Business Premises	...	...	...	...	27
New Council houses—completion	...	...	...	...	34
					638
					—

S. C. WHITEHEAD,  
Surveyor and Chief Public Health Inspector.

TABLE 1.

## SOUTHAM RURAL DISTRICT.

SUMMARY OF SANITARY WORK DONE IN THE PUBLIC HEALTH  
INSPECTOR'S DEPARTMENT DURING YEAR 1964.

	Inspections & Observa- tions made	Notices Served	Nuisances abated		Nuisances after notice
			Statutory	Informal	
Dwelling Houses and Schools	191	0	7	7	
Overcrowding ...	0	0	0	0	
Verminous houses ...	0	0	0	0	
Bakehouses ...	2	0	0	0	
Slaughterhouses ...	150	0	0	0	
Ashpits and Privies ...	0	0	0	0	
Deposits of Refuse and Manure	2		2	2	
Ice Cream ...	8	0	0	0	
House Drainage (including conversions ...	172	11	6	17	
Pigsties ...	0	0	0	0	
Smoke Nuisance ...	0	0	0	0	
Factories and Workshops ...	3	0	0	0	
Food Shops ...	121	0	0	0	
Rat and Mice infestations ...	980	0	0	0	
Refuse Collection ...	2,800	0	1,980	0	
Sheds, Garages, etc. ...	0	0	0	0	
Cafes ...	4	0	0	0	
Mobile Food Vans ...	5	0	0	0	
Infectious Disease ...	0	0	0	0	
Unsound Food ...	2	0	0	0	
Water Supply ...	17	0	8	0	
Complaints ...	120	0	0	0	
Caravans ...	33	0	0	0	
Canteens ...	2	0	0	0	
<b>TOTALS</b>	<b>...</b>	<b>4,612</b>	<b>11</b>	<b>2,003</b>	<b>24</b>

TABLE II.  
SOUTHAM RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1964  
AND PREVIOUS YEARS.

Year	Population estimated to Middle of each year	Births		Nett Deaths belonging to the District				
		Nett	Crude Rate.	Under 1 Year of age		At all Ages.		
				Number.	Number	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	
1955	14,470	222	15.7	5	22.5	138	9.1	
1956	15,180	248	16.4	2	8.1	146	9.6	
1957	15,570	298	19.1	3	10.0	125	8.0	
1958	16,170	252	20.2	6	23.8	150	11.8	
1959	15,970	236	14.8	4	16.9	144	9.0	
1960	15,960	265	16.6	6	22.6	145	9.1	
1961	16,460	266	16.2	4	15.0	135	8.2	
1962	16,450	332	20.2	10	30.0	155	9.4	
1963	16,740	322	19.2	7	21.7	154	9.2	
1964	17,150	338	19.6	5	14.8	148	8.6	

VITAL STATISTICS IN ENGLAND AND WALES, 1964.

ENGLAND AND WALES.

*Birth-rate, Death-rate, and Infantile Mortality during the Year 1964.  
(Provisional Figures).*

Annual Rate per 1,000 Population.

	Live Births	Still Births per 1,000 Births	Deaths.	Deaths under one year to 1,000 Births
England and Wales	...	...	18.4	16.3

TABLE III.

## SOUTHAM RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR,  
1964.

Notifiable Disease	At all Ages.	Number of Cases notified							Total cases removed to Hospital.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...
Pneumonia	...	...	...	6	...	...	1	3	2
Malaria	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	1	...	1	...	...	...
Puerperal Pyrexia	...	...	...	...	...	...	...	...	...
Meningococcal Infection	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis (including Polioencephalitis)	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	3	...	1	2	...	...	...
Enccephalitis Lethargica	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	...	...	...	...	...	...	...	...	...
Measles	...	...	41	2	17	22	...	...	...
Pulmonary Tuberculosis	...	...	...	...	...	...	...	...	...
Other forms of Tuberculosis	...	...	...	...	...	...	...	...	...
Food Poisoning	...	...	...	...	...	...	...	...	...
<b>Totals</b>	<b>...</b>	<b>51</b>	<b>2</b>	<b>19</b>	<b>24</b>	<b>...</b>	<b>1</b>	<b>3</b>	<b>2</b>

TABLE IV.  
SOUTHAM RURAL DISTRICT  
CAUSES OF DEATH DURING THE YEAR 1964.

CAUSES OF DEATH	MALES	FEMALES
1 Tuberculosis respiratory ... ...	—	1
2 Tuberculosis other ... ...	—	—
3 Syphilitic disease ... ...	—	—
4 Diphtheria ... ...	—	—
5 Whooping cough ... ...	—	—
6 Meningococcal infections ... ...	—	—
7 Acute poliomyelitis ... ...	—	—
8 Measles ... ...	—	—
9 Other infective and parasitic diseases ...	—	1
10 Malignant neoplasm, stomach ...	1	—
11 Malignant neoplasm, lung, bronchus ...	5	—
12 Malignant neoplasm, breast ...	—	1
13 Malignant neoplasm, uterus ...	—	—
14 Other malignant and lymphatic neoplasms ... ...	8	5
15 Leukaemia, aleukaemia ... ...	—	—
16 Diabetes ... ...	—	1
17 Vascular lesions of nervous system ...	11	15
18 Coronary disease, angina ...	14	6
19 Hypertension with heart disease ...	1	6
20 Other heart disease ... ...	8	10
21 Other circulatory disease ... ...	4	5
22 Influenza ... ...	—	1
23 Pneumonia ... ...	3	4
24 Bronchitis ... ...	2	1
25 Other disease of respiratory system ...	—	1
26 Ulcer of stomach and duodenum ...	—	1
27 Gastritis, enteritis and diarrhoea ...	1	1
28 Nephritis and nephrosis ... ...	1	—
29 Hyperplasia of prostate ... ...	—	—
30 Pregnancy, childbirth, abortion ...	—	—
31 Congenital malformations ... ...	1	1
32 Other defined and ill-defined diseases ...	5	9
33 Motor vehicle accidents ... ...	5	3
34 All other accidents ... ...	3	1
35 Suicide ... ...	1	—
36 Homicide and operations of war ...	—	—
All Causes ... ...	74	74







